



MIHA Data Snapshot, San Joaquin County by Education, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			<High School			High School Graduate or GED			Some College			College Graduate		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	20.6	16.5 - 24.7	2,000	22.2	18.2 - 26.2	2,200	36.0	31.4 - 40.6	3,500	21.2	17.2 - 25.1	2,100
Health Status before Pregnancy															
In good to excellent health	91.6	88.8 - 94.3	8,900	79.7	71.0 - 88.4	1,600	93.6*	87.9 - 99.2	2,000	95.0	92.3 - 97.7	3,300	--		
Chronic conditions															
Diabetes†	2.4*	0.9 - 3.8	200	--			--			--			--		
Hypertension†	2.7	1.3 - 4.0	300	--			2.9*	0.5 - 5.3	<100	3.4*	0.5 - 6.2	100	--		
Asthma†	9.5	6.7 - 12.3	900	4.2*	0.6 - 7.8	<100	6.3*	1.3 - 11.2	100	15.3	9.5 - 21.0	500	7.5*	2.0 - 13.1	200
Nutrition and Weight															
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	18.8	10.3 - 27.2	400	26.3	17.0 - 35.6	600	26.9	19.4 - 34.3	900	41.8	31.5 - 52.0	900
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	27.9	16.9 - 38.8	500	23.3	14.7 - 31.8	500	24.6	18.2 - 31.0	900	29.9	20.1 - 39.7	600
Obese before pregnancy	26.2	21.9 - 30.5	2,500	34.0	22.7 - 45.3	600	20.3	12.2 - 28.5	400	31.6	24.0 - 39.2	1,100	15.4	8.6 - 22.2	300
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	12.4*	4.0 - 20.8	200	21.4	11.7 - 31.0	400	10.2	5.0 - 15.3	300	15.6*	5.5 - 25.7	300
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	46.5	32.9 - 60.1	700	31.2	20.7 - 41.6	500	56.7	47.9 - 65.5	1,700	40.7	29.8 - 51.5	800
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	23.7	13.5 - 33.9	500	23.7	14.7 - 32.7	500	20.9	13.3 - 28.4	700	9.1*	2.8 - 15.4	200
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	11.8*	4.8 - 18.7	200	10.5*	4.3 - 16.7	200	9.7	4.0 - 15.5	300	5.8*	0.5 - 11.2	100
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	18.3	8.7 - 27.9	400	15.7	8.2 - 23.3	300	19.2	12.3 - 26.1	700	17.7	9.6 - 25.7	400
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	18.6	9.3 - 27.8	400	19.7	10.9 - 28.5	400	20.2	13.2 - 27.2	700	15.8	8.3 - 23.4	300
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	42.7	30.9 - 54.5	800	27.6	18.2 - 37.0	500	36.0	28.2 - 43.7	1,200	15.1	7.5 - 22.7	300
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	6.2*	0.5 - 11.9	100	6.6*	1.8 - 11.3	100	3.4*	1.1 - 5.8	100	--		
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	12.6*	4.7 - 20.4	200	9.4	4.1 - 14.7	200	7.6	3.8 - 11.4	300	3.1*	0.5 - 5.7	<100
Woman or partner lost job	16.2	12.3 - 20.1	1,500	15.1	7.5 - 22.7	300	20.7	11.2 - 30.3	400	18.0	11.1 - 24.9	600	10.5*	4.1 - 16.9	200
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	9.3*	3.3 - 15.2	200	18.0	9.7 - 26.3	400	19.0	12.9 - 25.1	700	9.2*	2.9 - 15.5	200
Became separated or divorced	7.8	5.3 - 10.3	700	13.5	5.7 - 21.4	300	8.6	3.7 - 13.5	200	6.4	3.2 - 9.6	200	--		
Had no practical or emotional support	4.9	2.7 - 7.1	500	12.7*	4.5 - 20.9	300	5.8*	0.9 - 10.7	100	1.8*	0.3 - 3.2	<100	--		
Substance Use															
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	12.4	5.4 - 19.5	200	16.9	9.3 - 24.6	300	17.0	10.4 - 23.7	600	5.3*	0.2 - 10.5	100
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	8.3*	2.4 - 14.1	200	7.7*	2.8 - 12.5	200	5.1*	0.3 - 10.0	200	--		
Any smoking, postpartum	8.4	5.7 - 11.1	800	10.2*	3.5 - 16.8	200	12.7	6.8 - 18.6	300	7.7*	2.4 - 13.0	300	--		
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	16.2	7.8 - 24.6	300	11.1*	4.5 - 17.6	200	18.4	12.1 - 24.8	600	16.5	8.7 - 24.3	300
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	--			--			7.7*	3.1 - 12.3	300	4.2*	1.1 - 7.3	<100
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	42.8	31.4 - 54.2	900	41.6	31.2 - 51.9	900	31.0	23.7 - 38.2	1,100	23.4	15.1 - 31.8	500
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	22.6	11.7 - 33.4	400	11.5	5.5 - 17.6	200	14.2	9.2 - 19.2	500	6.6	2.7 - 10.4	100
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	77.0	66.6 - 87.4	1,500	79.6	70.9 - 88.4	1,600	83.6	78.4 - 88.8	2,900	85.5	78.4 - 92.5	1,700
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	86.6	79.2 - 93.9	1,600	83.3	75.1 - 91.5	1,700	80.4	74.5 - 86.4	2,800	84.2*	74.9 - 93.5	1,700
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	45.4	33.5 - 57.3	900	47.1	36.6 - 57.7	1,000	41.2	33.3 - 49.0	1,400	34.7	24.7 - 44.6	700
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	84.4	75.6 - 93.1	1,600	87.1	80.3 - 94.0	1,900	89.9	84.8 - 94.9	3,100	95.2*	91.0 - 99.4	1,900
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	42.9	31.2 - 54.6	800	56.6	46.2 - 67.1	1,200	62.6	54.5 - 70.7	2,200	64.3	54.1 - 74.5	1,300
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	74.0	63.9 - 84.1	1,400	75.3	66.2 - 84.3	1,600	79.3	72.5 - 86.0	2,700	84.6	77.1 - 92.1	1,700
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	36.6	25.5 - 47.7	700	36.5	26.1 - 46.9	800	47.8	39.5 - 56.0	1,700	49.4	38.6 - 60.2	1,000
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	57.1	43.4 - 70.9	800	51.4	39.5 - 63.2	800	65.7	57.6 - 73.8	1,700	70.7	58.9 - 82.4	1,000
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	18.4	8.2 - 28.7	300	24.1	14.0 - 34.2	400	28.4	20.6 - 36.2	800	32.7	21.2 - 44.2	500



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Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			<High School			High School Graduate or GED			Some College			College Graduate		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage															
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3	6,300	56.4	45.0 - 67.8	1,100	57.1	46.9 - 67.3	1,200	68.6	60.7 - 76.4	2,400	72.8	62.3 - 83.3	1,500
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5	8,600	74.5	63.5 - 85.5	1,500	90.2 *	83.8 - 96.7	1,900	93.2	89.2 - 97.1	3,300	95.5 *	91.7 - 99.3	2,000
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6	1,600	15.8	6.6 - 25.0	300	18.2	10.3 - 26.2	400	18.9	11.7 - 26.2	600	12.5	6.0 - 19.0	300
Participated in WIC during pregnancy†	63.5	60.0 - 66.9	6,100	87.9 *	80.5 - 95.3	1,700	88.9	84.0 - 93.8	1,900	50.2	43.0 - 57.4	1,700	34.3	23.7 - 44.9	700
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4	3,600	71.1	61.2 - 80.9	1,400	46.0	35.6 - 56.3	1,000	23.4	16.5 - 30.3	800	16.9	8.6 - 25.2	300
Pre-pregnancy insurance															
Medi-Cal	36.0	31.4 - 40.6	3,500	65.4	54.6 - 76.2	1,300	43.1	32.7 - 53.5	900	23.5	16.5 - 30.5	800	21.3	12.4 - 30.3	400
Uninsured	25.0	20.6 - 29.5	2,400	29.4	18.9 - 39.8	600	30.5	20.8 - 40.2	600	23.5	15.9 - 31.2	800	18.5	8.5 - 28.5	400
Private	36.8	33.0 - 40.6	3,600	5.0 *	1.1 - 9.0	100	25.6	16.8 - 34.4	500	50.0	42.2 - 57.9	1,800	56.9	46.4 - 67.4	1,200
Prenatal insurance															
Medi-Cal	61.6	57.9 - 65.3	6,000	90.7 *	84.7 - 96.7	1,800	76.5	67.9 - 85.1	1,600	52.0	44.8 - 59.1	1,800	34.7	25.0 - 44.5	700
Uninsured	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Private	33.7	30.3 - 37.2	3,300	4.9 *	0.5 - 9.3	<100	21.5	13.0 - 29.9	500	44.1	37.0 - 51.1	1,500	57.2	46.8 - 67.6	1,200
Maternal postpartum insurance															
Medi-Cal	52.1	47.7 - 56.5	5,100	79.9	71.7 - 88.0	1,600	65.9	56.0 - 75.7	1,400	41.5	33.7 - 49.4	1,500	27.7	18.2 - 37.2	600
Uninsured	12.3	8.8 - 15.9	1,200	14.2	7.3 - 21.2	300	12.6	5.6 - 19.5	300	11.9	5.7 - 18.1	400	11.3 *	2.3 - 20.3	200
Private	33.4	29.7 - 37.2	3,300	4.9 *	0.5 - 9.3	<100	19.8	11.5 - 28.0	400	44.9	37.2 - 52.5	1,600	56.8	46.4 - 67.3	1,200
Infant health insurance															
Medi-Cal	64.7	60.8 - 68.6	6,200	91.3 *	83.6 - 99.0	1,700	77.7	69.0 - 86.3	1,600	54.3	46.9 - 61.7	1,900	43.2	32.6 - 53.9	900
Uninsured	3.4	1.5 - 5.4	300	--	--	--	5.3 *	1.0 - 9.6	100	3.0 *	0.4 - 5.5	100	--	--	--
Private	30.3	26.7 - 33.9	2,900	--	--	--	17.0	9.0 - 25.0	400	40.6	33.3 - 47.9	1,400	52.2	41.8 - 62.6	1,000
Maternal Demographics															
Unmarried	50.8	46.0 - 55.6	4,900	64.8	54.0 - 75.7	1,300	62.4	52.0 - 72.7	1,300	52.9	44.8 - 61.0	1,800	20.0	11.4 - 28.5	400
Race/Ethnicity															
White	26.0	21.8 - 30.3	2,500	12.1	5.1 - 19.1	200	10.6	5.2 - 15.9	200	38.3	30.7 - 45.9	1,300	35.4	24.6 - 46.2	700
Hispanic	49.1	44.4 - 53.8	4,800	72.7	63.3 - 82.0	1,500	60.2	50.2 - 70.3	1,300	42.8	35.2 - 50.3	1,500	24.2	16.1 - 32.2	500
Asian/Pacific Islander	16.3	12.4 - 20.2	1,600	--	--	--	19.9	10.6 - 29.2	400	9.3	4.6 - 14.1	300	35.4	24.7 - 46.1	700
Black	8.2	7.2 - 9.1	800	8.3	4.5 - 12.0	200	9.0	5.3 - 12.6	200	9.2	6.4 - 12.0	300	5.0	2.6 - 7.4	<100
Born outside the U.S.	32.5	27.9 - 37.0	3,200	43.0	31.7 - 54.3	900	39.0	28.5 - 49.5	800	13.3	8.3 - 18.3	500	49.5	39.0 - 60.0	1,000
Speaks non-English language at home	30.3	25.7 - 34.8	2,900	42.5	31.0 - 54.0	800	37.8	27.5 - 48.2	800	11.8	6.8 - 16.9	400	43.3	32.4 - 54.1	900
Lives in a high poverty neighborhood	47.7	42.9 - 52.5	4,500	71.5	61.9 - 81.2	1,400	54.6	43.9 - 65.3	1,100	40.9	33.0 - 48.9	1,400	28.7	18.1 - 39.3	600
Income as a percent of the Federal Poverty Guideline															
0-100%	49.3	44.6 - 54.0	4,600	85.1	77.5 - 92.6	1,600	64.5	54.0 - 74.9	1,300	31.4	24.1 - 38.7	1,100	28.9	19.1 - 38.8	600
101-200%	23.0	18.4 - 27.6	2,100	12.2	5.2 - 19.1	200	29.6	19.3 - 39.8	600	31.0	22.7 - 39.3	1,100	13.0 *	3.7 - 22.4	200
> 200%	27.7	24.1 - 31.3	2,600	--	--	--	6.0 *	2.2 - 9.7	100	37.6	29.8 - 45.3	1,300	58.0	47.4 - 68.7	1,100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of San Joaquin County was 590. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.



MIHA Data Snapshot, San Joaquin County by Geographical Area, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			Urban			Rural/Frontier		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	88.1	85.1 - 91.2	8,300	11.9	8.8 - 14.9	1,100
Health Status before Pregnancy									
In good to excellent health	91.6	88.8 - 94.3	8,900	90.8	87.7 - 94.0	7,500	--		
Chronic conditions									
Diabetes†	2.4 *	0.9 - 3.8	200	2.5 *	0.9 - 4.2	200	--		
Hypertension†	2.7	1.3 - 4.0	300	3.0	1.4 - 4.5	200	--		
Asthma†	9.5	6.7 - 12.3	900	8.7	5.8 - 11.6	700	15.1 *	4.3 - 25.8	200
Nutrition and Weight									
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	28.4	23.6 - 33.2	2,400	29.3	16.8 - 41.8	300
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	27.0	22.3 - 31.7	2,200	25.5	14.1 - 36.9	300
Obese before pregnancy	26.2	21.9 - 30.5	2,500	25.9	21.3 - 30.6	2,100	20.5	8.9 - 32.2	200
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	14.3	9.9 - 18.7	1,000	16.6 *	4.9 - 28.2	200
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	46.4	40.5 - 52.3	3,100	44.0	29.4 - 58.6	400
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	20.4	15.9 - 24.9	1,700	--		
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	9.3	6.2 - 12.4	800	--		
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	18.5	14.2 - 22.7	1,500	15.2 *	4.5 - 25.9	200
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	19.4	14.9 - 23.8	1,600	12.2 *	2.4 - 22.1	100
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	31.6	26.5 - 36.7	2,500	25.7	13.5 - 37.9	300
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	4.3	2.3 - 6.4	400	--		
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	9.0	6.1 - 11.8	700	--		
Woman or partner lost job	16.2	12.3 - 20.1	1,500	15.9	11.8 - 20.0	1,300	13.7 *	2.1 - 25.3	200
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	13.3	9.9 - 16.7	1,100	11.6 *	3.4 - 19.8	100
Became separated or divorced	7.8	5.3 - 10.3	700	8.4	5.5 - 11.3	700	4.0 *	0.3 - 7.6	<100
Had no practical or emotional support	4.9	2.7 - 7.1	500	4.5	2.2 - 6.8	400	7.7 *	0.3 - 15.1	<100
Substance Use									
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	14.2	10.5 - 17.9	1,200	--		
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	6.1	3.3 - 8.9	500	--		
Any smoking, postpartum	8.4	5.7 - 11.1	800	9.2	6.0 - 12.3	700	--		
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	16.2	12.4 - 20.1	1,300	9.5 *	2.3 - 16.7	100
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	4.8	2.3 - 7.2	400	7.9 *	0.8 - 15.1	<100
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	33.8	29.0 - 38.7	2,800	28.9	15.8 - 42.0	300
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	14.1	10.4 - 17.9	1,200	12.8 *	4.1 - 21.5	100
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	81.3	77.1 - 85.5	6,500	80.9	70.1 - 91.7	900
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	83.0	78.9 - 87.0	6,800	84.4	75.5 - 93.4	900
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	42.4	37.0 - 47.7	3,500	41.1	27.5 - 54.7	500
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	88.1	84.5 - 91.7	7,200	--		
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	56.0	50.6 - 61.3	4,600	75.3	63.5 - 87.1	800
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	76.9	72.4 - 81.5	6,200	89.6 *	81.3 - 98.0	1,000
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	40.9	35.6 - 46.3	3,300	58.5	44.6 - 72.3	600
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	59.5	53.6 - 65.4	3,600	77.9	65.4 - 90.4	700
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	25.3	20.1 - 30.5	1,500	32.0	18.0 - 46.0	300



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	San Joaquin County				Urban				Rural/Frontier			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3		6,300	65.2	60.1 - 70.3		5,400	68.6	55.0 - 82.1		800
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5		8,600	88.9	85.3 - 92.5		7,300	--			
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6		1,600	14.4	10.7 - 18.2		1,200	23.8	10.0 - 37.6		300
Participated in WIC during pregnancy†	63.5	60.0 - 66.9		6,100	64.4	60.6 - 68.3		5,300	47.0	33.3 - 60.6		500
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4		3,600	40.2	35.1 - 45.4		3,300	12.6 *	3.9 - 21.2		100
Pre-pregnancy insurance												
Medi-Cal	36.0	31.4 - 40.6		3,500	39.1	34.1 - 44.2		3,200	18.1	7.9 - 28.3		200
Uninsured	25.0	20.6 - 29.5		2,400	23.1	18.4 - 27.7		1,900	24.3	10.6 - 38.0		300
Private	36.8	33.0 - 40.6		3,600	35.2	30.9 - 39.5		2,900	57.6	43.9 - 71.3		600
Prenatal insurance												
Medi-Cal	61.6	57.9 - 65.3		6,000	62.3	58.1 - 66.5		5,200	45.4	31.8 - 58.9		500
Uninsured	--				--				--			
Private	33.7	30.3 - 37.2		3,300	32.5	28.6 - 36.4		2,700	52.6	39.0 - 66.1		600
Maternal postpartum insurance												
Medi-Cal	52.1	47.7 - 56.5		5,100	56.0	51.3 - 60.8		4,700	25.7	13.9 - 37.5		300
Uninsured	12.3	8.8 - 15.9		1,200	9.8	6.5 - 13.1		800	18.6 *	5.5 - 31.6		200
Private	33.4	29.7 - 37.2		3,300	31.7	27.5 - 35.9		2,600	55.7	42.1 - 69.3		600
Infant health insurance												
Medi-Cal	64.7	60.8 - 68.6		6,200	66.7	62.5 - 71.0		5,400	47.3	33.5 - 61.0		500
Uninsured	3.4	1.5 - 5.4		300	3.2 *	1.1 - 5.3		300	--			
Private	30.3	26.7 - 33.9		2,900	28.2	24.3 - 32.1		2,300	47.3	33.8 - 60.8		500
Maternal Demographics												
Age												
15-19	6.5	3.8 - 9.3		600	7.4	4.2 - 10.6		600	--			
20-34	78.4	74.3 - 82.5		7,700	78.4	73.9 - 82.9		6,500	78.0	67.2 - 88.8		900
35+	15.1	11.7 - 18.4		1,500	14.2	10.5 - 17.8		1,200	21.0	10.3 - 31.6		200
Did not complete high school (or GED)	20.6	16.5 - 24.7		2,000	22.7	18.2 - 27.3		1,900	9.4 *	1.0 - 17.8		100
Unmarried	50.8	46.0 - 55.6		4,900	53.4	48.1 - 58.6		4,400	26.0	14.3 - 37.7		300
Race/Ethnicity												
White	26.0	21.8 - 30.3		2,500	23.9	19.4 - 28.4		2,000	41.6	28.1 - 55.0		500
Hispanic	49.1	44.4 - 53.8		4,800	50.1	45.0 - 55.3		4,100	38.1	24.9 - 51.3		400
Asian/Pacific Islander	16.3	12.4 - 20.2		1,600	16.9	12.6 - 21.2		1,400	17.1 *	5.8 - 28.4		200
Black	8.2	7.2 - 9.1		800	8.7	7.6 - 9.9		700	3.2 *	0.3 - 6.1		<100
Born outside the U.S.	32.5	27.9 - 37.0		3,200	33.1	28.1 - 38.1		2,800	25.5	13.7 - 37.4		300
Speaks non-English language at home	30.3	25.7 - 34.8		2,900	30.0	25.1 - 35.0		2,500	28.9	15.9 - 42.0		300
Lives in a high poverty neighborhood	47.7	42.9 - 52.5		4,500	53.2	48.1 - 58.3		4,400	--			
Income as a percent of the Federal Poverty Guideline												
0-100%	49.3	44.6 - 54.0		4,600	53.1	48.0 - 58.2		4,200	19.1	8.5 - 29.7		200
101-200%	23.0	18.4 - 27.6		2,100	21.2	16.4 - 26.0		1,700	29.8	16.2 - 43.5		300
> 200%	27.7	24.1 - 31.3		2,600	25.7	21.9 - 29.6		2,000	51.1	36.8 - 65.4		500

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of San Joaquin County was 590. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. Urban and Rural/Frontier designations are based on the population size or densities of Medical Service Study Areas. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.



MIHA Data Snapshot, San Joaquin County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	49.3	44.6 - 54.0	4,600	23.0	18.4 - 27.6	2,100	27.7	24.1 - 31.3	2,600
Health Status before Pregnancy												
In good to excellent health	91.6	88.8 - 94.3	8,900	86.4	81.2 - 91.6	3,900	93.0*	88.3 - 97.6	2,000	97.8*	96.2 - 99.5	2,500
Chronic conditions												
Diabetes†	2.4*	0.9 - 3.8	200	3.6*	0.8 - 6.4	200	--			--		
Hypertension†	2.7	1.3 - 4.0	300	1.4*	0.1 - 2.7	<100	3.3*	0.1 - 6.4	<100	5.0*	1.2 - 8.9	100
Asthma†	9.5	6.7 - 12.3	900	8.5	4.6 - 12.3	400	11.9*	4.8 - 18.9	300	10.5	5.1 - 15.9	300
Nutrition and Weight												
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	25.1	18.7 - 31.5	1,100	15.8	7.2 - 24.4	300	43.7	35.2 - 52.1	1,100
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	27.3	20.6 - 33.9	1,200	25.2	16.1 - 34.4	500	27.2	19.5 - 34.8	700
Obese before pregnancy	26.2	21.9 - 30.5	2,500	32.1	25.2 - 39.1	1,400	22.6	13.1 - 32.0	500	19.5	12.9 - 26.1	500
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	14.0	8.4 - 19.6	500	16.5*	5.4 - 27.6	300	12.4	6.4 - 18.4	300
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	47.6	39.4 - 55.8	1,700	41.3	29.0 - 53.6	700	49.5	40.4 - 58.7	1,100
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	27.0	20.3 - 33.6	1,200	24.9	13.8 - 35.9	500	3.9*	1.4 - 6.5	100
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	13.3	8.3 - 18.2	600	9.4*	1.2 - 17.7	200	2.5*	0.6 - 4.4	<100
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	24.1	17.6 - 30.6	1,100	18.1	8.6 - 27.5	400	9.0	4.8 - 13.3	200
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	24.6	18.1 - 31.0	1,100	15.0*	6.0 - 24.0	300	14.1	8.1 - 20.2	400
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	37.2	29.9 - 44.5	1,600	25.3	15.7 - 35.0	500	26.3	18.9 - 33.6	700
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	5.5	2.3 - 8.6	200	--			--		
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	12.5	7.8 - 17.1	500	6.1*	1.6 - 10.6	100	1.7*	0.1 - 3.4	<100
Woman or partner lost job	16.2	12.3 - 20.1	1,500	20.4	14.4 - 26.5	900	19.2	9.6 - 28.8	400	6.7	2.8 - 10.6	200
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	16.5	11.3 - 21.8	700	17.3	8.4 - 26.3	400	10.6	5.9 - 15.2	300
Became separated or divorced	7.8	5.3 - 10.3	700	11.2	6.6 - 15.9	500	7.0*	2.3 - 11.6	100	3.3*	1.1 - 5.4	<100
Had no practical or emotional support	4.9	2.7 - 7.1	500	8.3	4.1 - 12.6	400	--			--		
Substance Use												
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	16.8	11.3 - 22.2	700	9.7*	3.3 - 16.2	200	11.9	5.3 - 18.6	300
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	7.4	3.5 - 11.2	300	--			--		
Any smoking, postpartum	8.4	5.7 - 11.1	800	11.3	6.9 - 15.7	500	6.4*	0.6 - 12.1	100	--		
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	14.0	8.8 - 19.2	600	18.5	9.2 - 27.7	400	19.9	13.4 - 26.5	500
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	4.9*	1.6 - 8.1	200	7.3*	0.5 - 14.0	200	5.0*	1.5 - 8.4	100
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	44.8	37.5 - 52.1	2,000	33.5	23.1 - 43.8	700	18.7	11.7 - 25.6	500
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	19.1	13.0 - 25.3	900	8.3*	3.1 - 13.5	200	10.0	5.7 - 14.3	300
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	78.0	71.4 - 84.6	3,400	86.9	80.6 - 93.2	1,800	85.0	79.5 - 90.4	2,200
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	81.7	76.1 - 87.3	3,600	83.2	73.4 - 93.0	1,800	83.5	77.5 - 89.5	2,100
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	48.9	41.4 - 56.3	2,200	36.4	25.3 - 47.5	800	33.3	25.0 - 41.6	900
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	86.8	81.7 - 91.8	3,800	88.7*	80.7 - 96.8	1,900	94.2*	90.5 - 98.0	2,400
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	50.0	42.5 - 57.4	2,200	57.4	45.8 - 69.0	1,200	69.9	61.9 - 77.9	1,800
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	74.9	68.5 - 81.3	3,200	77.8	67.9 - 87.7	1,700	85.0	79.1 - 90.9	2,200
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	36.8	29.6 - 44.0	1,600	41.1	29.7 - 52.5	900	55.6	47.0 - 64.2	1,400
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	51.3	42.6 - 59.9	1,700	64.5	52.7 - 76.2	800	73.5	65.0 - 81.9	1,500
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	18.7	12.1 - 25.3	600	30.6	18.8 - 42.4	400	33.9	24.7 - 43.1	700



MIHA Data Snapshot, San Joaquin County by Income, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			0-100% Federal Poverty Guideline			101-200% Federal Poverty Guideline			> 200% Federal Poverty Guideline		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3	6,300	59.2	52.0 - 66.5	2,700	54.9	43.3 - 66.4	1,200	83.8	76.9 - 90.8	2,100
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5	8,600	84.9	79.1 - 90.7	3,800	89.2 *	82.4 - 96.0	1,900	97.1 *	94.4 - 99.9	2,500
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6	1,600	13.3	8.2 - 18.5	600	29.5	18.5 - 40.5	600	15.0	8.2 - 21.7	400
Participated in WIC during pregnancy†	63.5	60.0 - 66.9	6,100	88.8	84.4 - 93.3	4,000	68.8	58.7 - 78.8	1,400	11.4	6.1 - 16.7	300
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4	3,600	64.6	57.6 - 71.7	2,900	19.1	9.8 - 28.3	400	--		
Pre-pregnancy insurance												
Medi-Cal	36.0	31.4 - 40.6	3,500	61.2	54.1 - 68.3	2,800	18.7	9.5 - 27.9	400	3.3 *	0.6 - 6.0	<100
Uninsured	25.0	20.6 - 29.5	2,400	29.7	22.9 - 36.4	1,300	39.7	27.9 - 51.6	800	5.9 *	0.7 - 11.2	200
Private	36.8	33.0 - 40.6	3,600	6.9	3.7 - 10.0	300	40.4	29.7 - 51.0	900	88.1	81.9 - 94.3	2,300
Prenatal insurance												
Medi-Cal	61.6	57.9 - 65.3	6,000	90.5	86.7 - 94.3	4,100	55.1	43.7 - 66.6	1,200	12.9	5.9 - 19.9	300
Uninsured	--			--			--			--		
Private	33.7	30.3 - 37.2	3,300	6.6	3.4 - 9.8	300	35.4	25.1 - 45.6	800	82.3	74.7 - 89.8	2,100
Maternal postpartum insurance												
Medi-Cal	52.1	47.7 - 56.5	5,100	80.6	75.4 - 85.9	3,700	44.1	32.7 - 55.5	900	5.5 *	1.6 - 9.4	100
Uninsured	12.3	8.8 - 15.9	1,200	11.2	7.0 - 15.3	500	23.2	11.9 - 34.4	500	6.2 *	1.1 - 11.2	200
Private	33.4	29.7 - 37.2	3,300	6.2	2.9 - 9.5	300	32.2	22.2 - 42.2	700	84.4	77.7 - 91.2	2,200
Infant health insurance												
Medi-Cal	64.7	60.8 - 68.6	6,200	90.0	85.5 - 94.5	3,900	63.6	52.7 - 74.6	1,300	18.5	10.7 - 26.2	500
Uninsured	3.4	1.5 - 5.4	300	3.8 *	0.5 - 7.2	200	5.2 *	0.5 - 9.9	100	--		
Private	30.3	26.7 - 33.9	2,900	5.0	2.1 - 7.9	200	29.7	19.2 - 40.2	600	77.8	69.8 - 85.8	2,000
Maternal Demographics												
Did not complete high school (or GED)	20.6	16.5 - 24.7	2,000	34.8	27.5 - 42.2	1,600	10.5	4.5 - 16.6	200	--		
Unmarried	50.8	46.0 - 55.6	4,900	69.1	62.2 - 76.0	3,100	49.2	37.7 - 60.8	1,100	18.3	11.4 - 25.2	500
Race/Ethnicity												
White	26.0	21.8 - 30.3	2,500	14.7	9.5 - 20.0	700	31.7	20.3 - 43.1	700	45.5	36.8 - 54.1	1,100
Hispanic	49.1	44.4 - 53.8	4,800	59.3	52.3 - 66.2	2,700	49.4	37.7 - 61.1	1,000	29.8	21.7 - 37.8	700
Asian/Pacific Islander	16.3	12.4 - 20.2	1,600	13.5	7.9 - 19.1	600	13.5 *	5.4 - 21.5	300	20.9	13.6 - 28.3	500
Black	8.2	7.2 - 9.1	800	11.8	9.5 - 14.1	500	5.5	2.7 - 8.2	100	3.6	1.9 - 5.3	<100
Born outside the U.S.	32.5	27.9 - 37.0	3,200	33.9	27.0 - 40.8	1,500	33.7	22.5 - 44.9	700	24.5	17.1 - 32.0	600
Speaks non-English language at home	30.3	25.7 - 34.8	2,900	34.6	27.6 - 41.6	1,600	33.8	22.4 - 45.3	700	15.2	8.8 - 21.6	400
Lives in a high poverty neighborhood	47.7	42.9 - 52.5	4,500	71.2	64.9 - 77.5	3,100	38.0	26.6 - 49.4	800	16.0	9.4 - 22.5	400

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

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MIHA Data Snapshot, San Joaquin County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	6.5	3.8 - 9.3	600	78.4	74.3 - 82.5	7,700	15.1	11.7 - 18.4	1,500
Health Status before Pregnancy												
In good to excellent health	91.6	88.8 - 94.3	8,900	--			91.8	88.9 - 94.7	7,100	88.3 *	78.3 - 98.2	1,300
Chronic conditions												
Diabetes†	2.4 *	0.9 - 3.8	200	--			1.7 *	0.4 - 2.9	100	--		
Hypertension†	2.7	1.3 - 4.0	300	--			2.7	1.1 - 4.3	200	--		
Asthma†	9.5	6.7 - 12.3	900	--			9.7	6.4 - 12.9	700	8.2 *	2.3 - 14.1	100
Nutrition and Weight												
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	--			28.1	23.1 - 33.1	2,200	38.6	26.9 - 50.4	500
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	30.1 *	8.4 - 51.8	200	26.3	21.6 - 31.1	2,000	22.5	13.0 - 32.0	300
Obese before pregnancy	26.2	21.9 - 30.5	2,500	--			26.3	21.4 - 31.2	2,000	33.3	21.5 - 45.1	400
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	--			14.5	9.9 - 19.1	900	13.6 *	4.8 - 22.4	100
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	42.6 *	17.0 - 68.2	200	46.1	40.2 - 52.1	3,000	47.4	33.9 - 60.9	500
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	22.0 *	2.4 - 41.7	100	19.8	15.1 - 24.5	1,500	17.1	7.8 - 26.3	300
Intimate Partner Violence (IPV) and Depressive Symptoms												
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	17.4 *	2.2 - 32.7	100	9.0	5.7 - 12.2	700	8.9 *	2.1 - 15.7	100
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	21.5 *	1.4 - 41.6	100	19.3	14.9 - 23.7	1,500	10.5 *	3.2 - 17.8	100
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	24.6 *	3.6 - 45.7	200	18.1	13.6 - 22.5	1,400	20.5	10.2 - 30.9	300
Hardships and Support during Pregnancy												
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	49.6	27.3 - 72.0	300	30.3	25.2 - 35.3	2,300	27.0	15.8 - 38.3	400
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	--			3.3	1.5 - 5.2	300	--		
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	--			8.3	5.6 - 11.0	600	--		
Woman or partner lost job	16.2	12.3 - 20.1	1,500	15.4 *	3.0 - 27.8	<100	16.1	11.7 - 20.4	1,200	17.4 *	6.1 - 28.7	200
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	--			14.8	10.8 - 18.9	1,100	16.4	8.0 - 24.7	200
Became separated or divorced	7.8	5.3 - 10.3	700	20.3 *	1.2 - 39.5	100	7.0	4.5 - 9.5	500	6.1 *	1.3 - 10.9	<100
Had no practical or emotional support	4.9	2.7 - 7.1	500	--			4.6	2.5 - 6.6	300	--		
Substance Use												
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	13.8 *	1.7 - 26.0	<100	14.4	10.4 - 18.4	1,100	10.3 *	4.0 - 16.5	100
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	--			6.0	3.1 - 8.8	500	--		
Any smoking, postpartum	8.4	5.7 - 11.1	800	--			8.9	5.6 - 12.1	700	4.9 *	0.3 - 9.5	<100
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	--			17.5	13.2 - 21.8	1,300	11.4 *	4.1 - 18.6	200
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	--			5.3	2.5 - 8.0	400	6.7 *	1.4 - 12.1	<100
Pregnancy Intention and Family Planning												
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	61.3 *	38.6 - 84.1	400	33.8	28.8 - 38.9	2,600	23.1	12.7 - 33.5	300
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	34.1 *	11.1 - 57.1	200	11.7	8.5 - 14.9	900	16.9	7.6 - 26.2	200
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	70.4 *	47.0 - 93.7	400	82.9	79.0 - 86.8	6,100	79.6	69.4 - 89.9	1,100
Infant Sleep and Breastfeeding												
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	85.3 *	73.8 - 96.7	500	82.0	77.6 - 86.4	6,100	86.1	78.0 - 94.2	1,200
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	36.3	15.6 - 57.0	200	44.1	38.6 - 49.7	3,300	33.5	21.5 - 45.6	500
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	88.2 *	76.7 - 99.7	600	89.0	85.4 - 92.6	6,700	91.6 *	84.1 - 99.0	1,300
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	48.5	26.7 - 70.4	300	57.5	52.0 - 63.1	4,300	61.2	49.2 - 73.3	900
Breastfeeding practices												
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	81.7 *	68.5 - 94.9	500	77.6	72.8 - 82.3	5,800	82.3	72.5 - 92.1	1,100
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	27.2 *	7.1 - 47.4	200	46.3	40.7 - 51.9	3,400	34.0	22.4 - 45.5	500
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	51.1	26.6 - 75.6	300	61.0	54.9 - 67.1	3,400	69.7	56.1 - 83.3	700
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	--			29.2	23.5 - 34.8	1,600	15.8	7.2 - 24.5	200



MIHA Data Snapshot, San Joaquin County by Maternal Age, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County				15-19 Years			20-34 Years			35 Years or Older		
	%	95% CI		N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage													
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3		6,300	67.9*	46.9 - 89.0	400	61.5	56.1 - 66.8	4,700	80.0	69.7 - 90.2	1,100
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5		8,600	--			90.0	86.6 - 93.3	6,900	90.0*	81.8 - 98.2	1,300
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6		1,600	27.1*	6.3 - 47.9	200	14.9	10.6 - 19.1	1,100	21.3	11.4 - 31.2	300
Participated in WIC during pregnancy†	63.5	60.0 - 66.9		6,100	--			64.3	60.2 - 68.4	4,800	44.8	32.7 - 56.9	700
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4		3,600	72.0*	54.4 - 89.5	500	36.5	31.3 - 41.7	2,800	23.3	12.2 - 34.4	300
Pre-pregnancy insurance													
Medi-Cal	36.0	31.4 - 40.6		3,500	61.1	39.8 - 82.4	400	36.3	31.1 - 41.5	2,800	23.3	12.0 - 34.5	300
Uninsured	25.0	20.6 - 29.5		2,400	--			26.6	21.6 - 31.7	2,000	20.7	9.9 - 31.6	300
Private	36.8	33.0 - 40.6		3,600	16.6*	3.8 - 29.4	100	35.1	30.6 - 39.6	2,700	54.6	42.5 - 66.8	800
Prenatal insurance													
Medi-Cal	61.6	57.9 - 65.3		6,000	85.5*	73.4 - 97.5	500	63.7	59.3 - 68.0	4,900	40.3	28.2 - 52.3	600
Uninsured	--				--			--			--		
Private	33.7	30.3 - 37.2		3,300	--			31.5	27.5 - 35.5	2,400	56.7	44.6 - 68.8	800
Maternal postpartum insurance													
Medi-Cal	52.1	47.7 - 56.5		5,100	89.4*	79.9 - 98.9	600	52.7	47.6 - 57.9	4,000	32.9	20.8 - 45.0	500
Uninsured	12.3	8.8 - 15.9		1,200	--			13.3	9.0 - 17.5	1,000	12.9*	5.1 - 20.6	200
Private	33.4	29.7 - 37.2		3,300	10.6*	1.1 - 20.1	<100	31.6	27.3 - 36.0	2,400	52.9	40.8 - 64.9	800
Infant health insurance													
Medi-Cal	64.7	60.8 - 68.6		6,200	--			66.3	61.9 - 70.8	4,900	45.9	33.7 - 58.1	600
Uninsured	3.4	1.5 - 5.4		300	--			2.5	1.0 - 3.9	200	--		
Private	30.3	26.7 - 33.9		2,900	--			29.4	25.2 - 33.7	2,200	48.5	36.5 - 60.6	700
Maternal Demographics													
Did not complete high school (or GED)	20.6	16.5 - 24.7		2,000	49.4	26.5 - 72.4	300	18.8	14.6 - 22.9	1,400	18.2	7.5 - 28.8	300
Unmarried	50.8	46.0 - 55.6		4,900	--			49.8	44.4 - 55.2	3,800	35.9	24.4 - 47.4	500
Race/Ethnicity													
White	26.0	21.8 - 30.3		2,500	--			27.1	22.1 - 32.2	2,100	27.4	17.6 - 37.1	400
Hispanic	49.1	44.4 - 53.8		4,800	72.7	56.9 - 88.5	500	48.1	42.7 - 53.5	3,600	44.0	31.9 - 56.1	600
Asian/Pacific Islander	16.3	12.4 - 20.2		1,600	--			16.2	11.8 - 20.6	1,200	21.9	10.5 - 33.2	300
Black	8.2	7.2 - 9.1		800	12.0*	2.5 - 21.6	<100	8.1	6.8 - 9.4	600	6.8*	2.8 - 10.8	<100
Born outside the U.S.	32.5	27.9 - 37.0		3,200	--			30.8	25.8 - 35.8	2,400	50.7	38.7 - 62.7	700
Speaks non-English language at home	30.3	25.7 - 34.8		2,900	24.0*	3.9 - 44.0	200	27.7	22.7 - 32.7	2,100	46.3	34.1 - 58.6	700
Lives in a high poverty neighborhood	47.7	42.9 - 52.5		4,500	78.8*	64.1 - 93.6	500	47.6	42.1 - 53.0	3,500	34.6	22.4 - 46.8	500

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of San Joaquin County was 590. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

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MIHA Data Snapshot, San Joaquin County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	3.9	2.4 - 5.5	400	14.2	10.8 - 17.7	1,300	34.2	29.7 - 38.7	3,200	47.7	42.9 - 52.5	4,500
Health Status before Pregnancy															
In good to excellent health	91.6	88.8 - 94.3	8,900	--			--			96.4*	94.2 - 98.6	3,100	87.0	81.8 - 92.3	3,900
Chronic conditions															
Diabetes†	2.4*	0.9 - 3.8	200	--			--			3.0*	0.3 - 5.7	<100	2.9*	0.4 - 5.3	100
Hypertension†	2.7	1.3 - 4.0	300	--			--			3.0*	0.7 - 5.3	<100	1.3*	0.2 - 2.5	<100
Asthma†	9.5	6.7 - 12.3	900	--			11.0*	2.4 - 19.6	100	8.9	4.1 - 13.6	300	9.9	5.7 - 14.1	400
Nutrition and Weight															
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	39.4	19.3 - 59.6	100	38.4	25.1 - 51.7	500	31.3	24.0 - 38.7	1,000	22.7	16.5 - 28.8	1,000
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	26.3*	7.1 - 45.4	<100	26.1	14.6 - 37.6	300	26.2	19.1 - 33.3	800	27.5	20.8 - 34.2	1,200
Obese before pregnancy	26.2	21.9 - 30.5	2,500	--			17.5	8.7 - 26.4	200	21.1	14.5 - 27.8	700	31.7	24.6 - 38.8	1,400
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	25.2*	6.6 - 43.7	<100	22.6	11.2 - 34.0	300	8.9	4.0 - 13.8	200	15.2	8.3 - 22.2	500
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	30.9*	12.6 - 49.1	100	40.3	25.8 - 54.7	500	50.5	41.8 - 59.2	1,400	46.2	37.6 - 54.9	1,600
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	--			13.9*	2.3 - 25.5	200	13.9	8.4 - 19.5	400	23.9	17.3 - 30.5	1,100
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	--			--			6.8	3.3 - 10.2	200	10.3	5.8 - 14.8	500
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	16.6*	1.0 - 32.2	<100	15.4*	4.0 - 26.8	200	12.3	6.7 - 17.8	400	23.2	16.8 - 29.5	1,000
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	--			20.0*	7.6 - 32.5	300	11.8	6.3 - 17.3	400	23.2	17.0 - 29.4	1,000
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	--			31.6	19.6 - 43.7	400	26.4	19.4 - 33.4	800	35.8	28.3 - 43.3	1,500
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	--			--			1.9*	0.1 - 3.7	<100	6.0	2.6 - 9.3	300
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	--			--			5.1*	1.8 - 8.5	200	11.4	6.9 - 15.9	500
Woman or partner lost job	16.2	12.3 - 20.1	1,500	--			13.0*	1.5 - 24.5	200	13.2	7.4 - 18.9	400	18.6	12.7 - 24.5	800
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	--			12.0*	4.7 - 19.2	200	14.8	9.6 - 20.0	500	12.2	7.4 - 17.1	500
Became separated or divorced	7.8	5.3 - 10.3	700	--			4.9*	0.5 - 9.4	<100	4.7	2.1 - 7.3	200	11.7	6.8 - 16.6	500
Had no practical or emotional support	4.9	2.7 - 7.1	500	--			--			3.4*	0.3 - 6.4	100	7.5	3.5 - 11.6	300
Substance Use															
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	--			12.3*	3.5 - 21.1	200	9.8	5.5 - 14.1	300	17.2	11.5 - 22.8	800
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	--			--			4.1*	1.3 - 7.0	100	8.4	3.8 - 13.1	400
Any smoking, postpartum	8.4	5.7 - 11.1	800	--			--			7.0	3.1 - 10.8	200	10.9	6.0 - 15.9	500
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	18.0*	2.8 - 33.3	<100	16.8	8.0 - 25.7	200	19.2	13.1 - 25.3	600	12.1	6.9 - 17.2	500
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	--			--			6.7*	2.5 - 10.8	200	5.0*	1.2 - 8.8	200
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	18.5*	2.3 - 34.6	<100	30.8	18.5 - 43.0	400	30.7	23.4 - 38.0	1,000	37.0	29.9 - 44.1	1,700
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	--			6.2*	1.6 - 10.7	<100	11.7	7.1 - 16.3	400	18.0	11.9 - 24.2	800
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	76.9*	60.0 - 93.7	300	84.5	76.1 - 93.0	1,100	86.4	81.4 - 91.3	2,700	76.9	70.1 - 83.7	3,300
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	87.9*	77.3 - 98.5	300	82.8	74.0 - 91.6	1,100	83.9	78.0 - 89.9	2,700	82.3	76.3 - 88.3	3,600
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	28.7*	9.3 - 48.1	100	31.0	18.3 - 43.7	400	40.4	32.4 - 48.4	1,300	48.0	40.2 - 55.8	2,100
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	--			86.8*	75.2 - 98.4	1,100	91.4	87.3 - 95.5	2,900	88.5	83.6 - 93.5	3,900
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	50.0	29.7 - 70.3	200	64.0	50.6 - 77.5	800	65.9	58.3 - 73.6	2,100	51.8	44.1 - 59.6	2,300
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	73.4*	54.9 - 92.0	300	79.6*	67.4 - 91.7	1,000	84.9	79.5 - 90.4	2,700	73.8	67.0 - 80.6	3,200
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	42.8	22.8 - 62.7	200	54.6	41.2 - 67.9	700	47.1	39.0 - 55.3	1,400	36.7	29.0 - 44.4	1,600
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	56.3	34.6 - 78.0	200	73.8	61.6 - 85.9	700	70.4	62.2 - 78.6	1,700	52.4	43.6 - 61.3	1,700
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	18.5*	3.3 - 33.8	<100	36.1	22.0 - 50.1	400	33.9	25.0 - 42.7	800	18.4	12.0 - 24.9	600



MIHA Data Snapshot, San Joaquin County by Neighborhood Poverty, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			0-4.9% of Residents below Poverty			5-9.9% of Residents below Poverty			10-19.9% of Residents below Poverty			≥ 20% of Residents below Poverty		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage															
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3	6,300	81.6*	68.1 - 95.1	300	68.0	55.8 - 80.2	900	68.6	61.0 - 76.1	2,200	61.5	54.0 - 68.9	2,800
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5	8,600	--			92.2*	85.1 - 99.4	1,200	93.1	89.2 - 96.9	2,900	85.8	80.1 - 91.4	3,800
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6	1,600	--			13.8*	3.9 - 23.6	200	19.2	12.8 - 25.6	600	13.5	8.1 - 19.0	600
Participated in WIC during pregnancy†	63.5	60.0 - 66.9	6,100	--			34.5	22.3 - 46.7	400	53.2	45.9 - 60.6	1,700	80.9	75.6 - 86.2	3,600
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4	3,600	--			13.7*	2.5 - 25.0	200	22.8	16.2 - 29.5	700	56.9	49.3 - 64.4	2,600
Pre-pregnancy insurance															
Medi-Cal	36.0	31.4 - 40.6	3,500	--			20.2*	7.9 - 32.5	300	21.4	14.7 - 28.0	700	55.1	47.6 - 62.6	2,500
Uninsured	25.0	20.6 - 29.5	2,400	--			19.0	8.3 - 29.7	300	20.6	14.1 - 27.2	700	28.2	21.1 - 35.3	1,300
Private	36.8	33.0 - 40.6	3,600	79.1*	61.7 - 96.4	300	59.5	46.2 - 72.7	800	56.1	48.5 - 63.8	1,800	15.2	10.3 - 20.0	700
Prenatal insurance															
Medi-Cal	61.6	57.9 - 65.3	6,000	--			36.9	23.8 - 50.1	500	46.2	38.6 - 53.7	1,500	81.3	75.6 - 87.0	3,700
Uninsured	--			--			--			--			4.8*	0.1 - 9.4	200
Private	33.7	30.3 - 37.2	3,300	72.7*	53.1 - 92.3	300	58.7	45.4 - 72.0	800	52.2	44.7 - 59.8	1,700	12.2	8.5 - 16.0	600
Maternal postpartum insurance															
Medi-Cal	52.1	47.7 - 56.5	5,100	--			33.2	20.1 - 46.2	400	34.2	26.9 - 41.5	1,100	74.8	68.3 - 81.2	3,400
Uninsured	12.3	8.8 - 15.9	1,200	--			9.4*	1.1 - 17.7	100	12.5	7.0 - 18.1	400	10.3	5.3 - 15.3	500
Private	33.4	29.7 - 37.2	3,300	68.3*	48.2 - 88.4	300	54.8	41.6 - 67.9	700	52.0	44.3 - 59.7	1,700	13.4	8.8 - 18.0	600
Infant health insurance															
Medi-Cal	64.7	60.8 - 68.6	6,200	--			45.4	32.0 - 58.7	600	49.0	41.2 - 56.8	1,500	85.5	80.8 - 90.3	3,800
Uninsured	3.4	1.5 - 5.4	300	--			--			4.4*	1.0 - 7.7	100	--		
Private	30.3	26.7 - 33.9	2,900	68.3*	48.2 - 88.4	300	53.4	40.0 - 66.7	700	45.2	37.5 - 53.0	1,400	10.2	6.6 - 13.7	400
Maternal Demographics															
Age															
15-19	6.5	3.8 - 9.3	600	--			--			2.6*	0.4 - 4.8	<100	11.0	5.5 - 16.4	500
20-34	78.4	74.3 - 82.5	7,700	64.9	45.6 - 84.3	200	86.2	78.2 - 94.2	1,200	77.0	70.1 - 83.9	2,500	78.2	71.6 - 84.8	3,500
35+	15.1	11.7 - 18.4	1,500	35.1	15.7 - 54.4	100	10.2*	3.4 - 17.1	100	20.4	13.7 - 27.0	700	10.8	6.2 - 15.5	500
Did not complete high school (or GED)	20.6	16.5 - 24.7	2,000	--			9.5*	2.5 - 16.4	100	13.8	8.3 - 19.2	400	31.7	24.4 - 39.0	1,400
Unmarried	50.8	46.0 - 55.6	4,900	17.0*	1.6 - 32.3	<100	26.0	15.6 - 36.4	300	37.7	30.1 - 45.3	1,200	69.2	62.1 - 76.4	3,100
Race/Ethnicity															
White	26.0	21.8 - 30.3	2,500	38.4	18.5 - 58.3	100	38.5	25.8 - 51.1	500	31.9	24.6 - 39.1	1,000	17.3	11.0 - 23.5	800
Hispanic	49.1	44.4 - 53.8	4,800	27.1*	8.4 - 45.8	<100	50.8	37.6 - 64.0	700	38.7	30.9 - 46.5	1,200	56.8	49.3 - 64.3	2,600
Asian/Pacific Islander	16.3	12.4 - 20.2	1,600	30.8*	9.7 - 51.9	100	5.9*	0.2 - 11.6	<100	22.1	14.8 - 29.5	700	15.3	9.4 - 21.2	700
Black	8.2	7.2 - 9.1	800	--			4.3*	1.5 - 7.1	<100	7.3	4.7 - 9.9	200	10.0	7.8 - 12.3	500
Born outside the U.S.	32.5	27.9 - 37.0	3,200	39.2	19.0 - 59.4	100	27.4	15.9 - 38.8	400	32.6	24.9 - 40.3	1,100	32.8	25.6 - 39.9	1,500
Speaks non-English language at home	30.3	25.7 - 34.8	2,900	22.7*	4.4 - 41.0	<100	22.5	11.5 - 33.4	300	30.6	22.7 - 38.5	1,000	32.2	25.0 - 39.4	1,400
Income as a percent of the Federal Poverty Guideline															
0-100%	49.3	44.6 - 54.0	4,600	--			18.4	9.1 - 27.8	200	33.7	26.3 - 41.2	1,000	73.0	66.0 - 79.9	3,100
101-200%	23.0	18.4 - 27.6	2,100	20.7*	3.6 - 37.7	<100	24.4	11.2 - 37.6	300	28.0	20.1 - 35.9	800	17.5	11.4 - 23.6	800
> 200%	27.7	24.1 - 31.3	2,600	74.5*	56.7 - 92.2	300	57.2	43.8 - 70.5	700	38.3	30.8 - 45.7	1,100	9.5	5.4 - 13.7	400

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of San Joaquin County was 590. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. Neighborhood poverty is the percentage of residents with incomes below poverty in a woman's census tract. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.



MIHA Data Snapshot, San Joaquin County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			Medi-Cal			Private		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	61.6	57.9 - 65.3	6,000	33.7	30.3 - 37.2	3,300
Health Status before Pregnancy									
In good to excellent health	91.6	88.8 - 94.3	8,900	89.1	85.0 - 93.3	5,400	96.4 *	93.9 - 98.8	3,100
Chronic conditions									
Diabetes†	2.4 *	0.9 - 3.8	200	3.1 *	0.9 - 5.3	200	--		
Hypertension†	2.7	1.3 - 4.0	300	1.4 *	0.3 - 2.6	<100	5.2 *	1.7 - 8.7	200
Asthma†	9.5	6.7 - 12.3	900	9.9	6.2 - 13.6	600	9.1	4.4 - 13.8	300
Nutrition and Weight									
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	25.1	19.3 - 30.9	1,500	35.8	28.7 - 42.9	1,200
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	24.9	19.4 - 30.5	1,400	28.5	21.7 - 35.4	900
Obese before pregnancy	26.2	21.9 - 30.5	2,500	28.5	22.7 - 34.4	1,600	21.5	15.3 - 27.7	700
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	14.4	9.5 - 19.3	700	11.5	6.4 - 16.6	300
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	44.6	37.4 - 51.9	2,200	47.2	39.1 - 55.2	1,300
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	24.6	18.7 - 30.6	1,500	11.6	6.3 - 16.9	400
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	12.4	8.0 - 16.8	700	4.6 *	1.6 - 7.6	100
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	22.2	16.5 - 27.9	1,300	12.0	7.5 - 16.6	400
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	23.5	17.6 - 29.3	1,400	11.4	6.7 - 16.1	400
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	33.6	27.1 - 40.0	1,900	27.3	20.6 - 34.0	900
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	5.2	2.6 - 7.9	300	--		
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	9.8	6.2 - 13.4	600	4.1	1.7 - 6.4	100
Woman or partner lost job	16.2	12.3 - 20.1	1,500	21.0	15.3 - 26.8	1,200	8.3	4.2 - 12.3	300
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	16.3	11.4 - 21.2	1,000	11.9	7.3 - 16.5	400
Became separated or divorced	7.8	5.3 - 10.3	700	10.8	6.9 - 14.8	600	3.1 *	1.0 - 5.3	100
Had no practical or emotional support	4.9	2.7 - 7.1	500	7.1	3.7 - 10.5	400	--		
Substance Use									
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	15.2	10.5 - 19.8	900	9.4	5.7 - 13.1	300
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	7.2	3.8 - 10.6	400	1.8 *	0.2 - 3.4	<100
Any smoking, postpartum	8.4	5.7 - 11.1	800	10.0	6.2 - 13.8	600	4.3 *	1.7 - 6.9	100
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	13.6	8.7 - 18.4	800	20.0	14.2 - 25.7	700
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	3.6 *	1.0 - 6.1	200	6.4	2.7 - 10.2	200
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	42.0	35.7 - 48.3	2,500	20.4	14.4 - 26.4	700
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	15.6	10.7 - 20.5	900	11.6	7.4 - 15.8	400
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	78.5	73.0 - 84.0	4,500	86.5	81.6 - 91.4	2,800
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	84.6	80.3 - 89.0	5,000	81.8	75.9 - 87.6	2,700
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	48.1	41.4 - 54.7	2,800	33.1	25.8 - 40.3	1,100
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	86.4	81.8 - 91.1	5,100	95.6	93.0 - 98.1	3,100
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	52.5	45.9 - 59.2	3,100	66.7	59.4 - 74.0	2,200
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	75.0	69.2 - 80.7	4,300	87.0	82.3 - 91.7	2,800
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	39.3	32.8 - 45.9	2,300	50.3	42.7 - 57.9	1,600
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	54.7	47.3 - 62.2	2,400	74.0	66.7 - 81.3	1,900
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	21.9	15.8 - 28.1	1,000	33.4	25.4 - 41.4	900



MIHA Data Snapshot, San Joaquin County by Prenatal Health Insurance, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County				Medi-Cal				Private			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3		6,300	55.2	48.7 - 61.7		3,300	85.6	80.3 - 90.9		2,800
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5		8,600	85.8	81.0 - 90.7		5,100	96.2 *	93.3 - 99.2		3,100
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6		1,600	17.6	12.3 - 22.9		1,000	13.3	8.1 - 18.4		400
Participated in WIC during pregnancy†	63.5	60.0 - 66.9		6,100	86.4	82.2 - 90.7		5,100	21.7	15.2 - 28.2		700
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4		3,600	58.0	51.4 - 64.5		3,500	1.7 *	0.3 - 3.1		<100
Pre-pregnancy insurance												
Medi-Cal	36.0	31.4 - 40.6		3,500	57.2	50.6 - 63.8		3,400	--			
Uninsured	25.0	20.6 - 29.5		2,400	34.5	28.3 - 40.8		2,100	--			
Private	36.8	33.0 - 40.6		3,600	7.5	4.1 - 10.9		400	94.2 *	90.5 - 98.0		3,100
Maternal postpartum insurance												
Medi-Cal	52.1	47.7 - 56.5		5,100	79.6	74.1 - 85.0		4,800	5.6 *	2.0 - 9.2		200
Uninsured	12.3	8.8 - 15.9		1,200	15.8	11.0 - 20.7		1,000	3.4 *	0.9 - 5.9		100
Private	33.4	29.7 - 37.2		3,300	4.0 *	1.3 - 6.8		200	91.0	86.7 - 95.3		3,000
Infant health insurance												
Medi-Cal	64.7	60.8 - 68.6		6,200	92.2	88.2 - 96.1		5,400	13.8	8.5 - 19.2		400
Uninsured	3.4	1.5 - 5.4		300	3.6 *	0.8 - 6.3		200	3.6 *	0.8 - 6.4		100
Private	30.3	26.7 - 33.9		2,900	3.4 *	0.6 - 6.2		200	82.5	76.6 - 88.4		2,600
Maternal Demographics												
Age												
15-19	6.5	3.8 - 9.3		600	9.1	4.9 - 13.4		500	1.5 *	0.0 - 2.9		<100
20-34	78.4	74.3 - 82.5		7,700	81.0	75.6 - 86.4		4,900	73.2	66.5 - 79.8		2,400
35+	15.1	11.7 - 18.4		1,500	9.9	5.9 - 13.8		600	25.4	18.8 - 31.9		800
Did not complete high school (or GED)	20.6	16.5 - 24.7		2,000	30.4	24.3 - 36.4		1,800	3.0 *	0.3 - 5.7		<100
Unmarried	50.8	46.0 - 55.6		4,900	68.2	61.9 - 74.5		4,100	18.9	13.8 - 23.9		600
Race/Ethnicity												
White	26.0	21.8 - 30.3		2,500	15.9	10.9 - 20.9		1,000	43.2	35.8 - 50.6		1,400
Hispanic	49.1	44.4 - 53.8		4,800	58.5	52.2 - 64.7		3,500	32.7	25.6 - 39.9		1,000
Asian/Pacific Islander	16.3	12.4 - 20.2		1,600	14.9	10.0 - 19.9		900	18.9	12.5 - 25.3		600
Black	8.2	7.2 - 9.1		800	10.2	8.7 - 11.8		600	4.9	3.1 - 6.8		200
Born outside the U.S.	32.5	27.9 - 37.0		3,200	34.5	28.5 - 40.4		2,100	28.8	21.7 - 36.0		1,000
Speaks non-English language at home	30.3	25.7 - 34.8		2,900	33.8	27.8 - 39.8		2,000	24.6	17.5 - 31.8		800
Lives in a high poverty neighborhood	47.7	42.9 - 52.5		4,500	64.5	58.1 - 70.9		3,700	16.8	11.7 - 22.0		600
Income as a percent of the Federal Poverty Guideline												
0-100%	49.3	44.6 - 54.0		4,600	73.3	67.1 - 79.5		4,100	9.5	5.0 - 14.0		300
101-200%	23.0	18.4 - 27.6		2,100	20.9	15.1 - 26.7		1,200	23.9	17.0 - 30.9		800
> 200%	27.7	24.1 - 31.3		2,600	5.8 *	2.4 - 9.3		300	66.5	59.2 - 73.9		2,100

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%)

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of San Joaquin County was 590. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

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MIHA Data Snapshot, San Joaquin County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	49.1	44.4 - 53.8	4,800	8.2	7.2 - 9.1	800	26.0	21.8 - 30.3	2,500	16.3	12.4 - 20.2	1,600
Health Status before Pregnancy															
In good to excellent health	91.6	88.8 - 94.3	8,900	91.0	87.1 - 95.0	4,300	89.9 *	83.5 - 96.2	700	92.6 *	87.3 - 97.8	2,300	--		
Chronic conditions															
Diabetes†	2.4 *	0.9 - 3.8	200	3.1 *	0.5 - 5.6	100	--			--			--		
Hypertension†	2.7	1.3 - 4.0	300	--			5.3 *	0.9 - 9.7	<100	4.1 *	0.3 - 7.8	100	--		
Asthma†	9.5	6.7 - 12.3	900	5.4	2.3 - 8.4	200	22.8	13.2 - 32.5	200	17.1	9.2 - 25.0	400	--		
Nutrition and Weight															
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	21.8	15.7 - 27.9	1,000	24.4	15.7 - 33.2	200	33.1	24.0 - 42.1	800	39.8	27.0 - 52.5	600
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	29.6	23.0 - 36.2	1,300	23.9	15.1 - 32.7	200	21.8	14.3 - 29.2	500	24.1	12.7 - 35.5	400
Obese before pregnancy	26.2	21.9 - 30.5	2,500	27.7	21.1 - 34.3	1,200	37.7	27.4 - 48.0	300	28.0	19.3 - 36.6	700	14.3 *	4.4 - 24.1	200
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	13.3	8.1 - 18.4	500	9.7 *	3.7 - 15.7	<100	14.3 *	5.2 - 23.3	300	19.8	8.8 - 30.9	300
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	46.2	37.9 - 54.5	1,700	59.5	48.6 - 70.5	400	49.0	38.6 - 59.4	1,100	34.7	21.0 - 48.4	500
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	17.9	11.6 - 24.2	800	28.0	17.6 - 38.4	200	22.8	13.8 - 31.8	600	16.9	7.8 - 26.0	300
Intimate Partner Violence (IPV) and Depressive Symptoms															
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	10.3	5.1 - 15.5	500	20.5	11.1 - 30.0	200	9.4 *	3.6 - 15.2	200	--		
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	17.6	11.4 - 23.8	800	31.3	21.0 - 41.6	200	17.3	10.1 - 24.5	400	14.7 *	4.8 - 24.5	200
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	20.0	13.7 - 26.3	900	24.7	15.0 - 34.4	200	17.9	10.7 - 25.1	500	16.1 *	5.4 - 26.8	300
Hardships and Support during Pregnancy															
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	33.8	26.5 - 41.0	1,500	42.9	31.7 - 54.1	300	36.6	27.2 - 46.1	900	8.9 *	2.9 - 14.9	100
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	4.2 *	1.3 - 7.2	200	9.7 *	3.3 - 16.0	<100	--			--		
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	7.1	3.5 - 10.7	300	13.9	6.8 - 21.0	100	10.3	4.7 - 15.9	300	--		
Woman or partner lost job	16.2	12.3 - 20.1	1,500	14.3	8.7 - 19.8	700	23.1	14.3 - 31.9	200	17.1	10.1 - 24.0	400	17.5 *	5.5 - 29.5	300
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	13.0	8.5 - 17.5	600	25.0	15.6 - 34.5	200	20.4	12.0 - 28.7	500	--		
Became separated or divorced	7.8	5.3 - 10.3	700	8.2	4.2 - 12.1	400	30.5	20.4 - 40.6	200	5.0 *	0.3 - 9.7	100	--		
Had no practical or emotional support	4.9	2.7 - 7.1	500	7.0	3.0 - 11.1	300	9.5 *	3.6 - 15.4	<100	--			--		
Substance Use															
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	7.9	4.0 - 11.8	400	23.7	13.1 - 34.2	200	24.7	16.2 - 33.2	600	--		
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	--			13.6 *	4.3 - 22.8	100	10.6	4.6 - 16.7	300	--		
Any smoking, postpartum	8.4	5.7 - 11.1	800	3.8 *	0.6 - 7.1	200	22.7	12.3 - 33.0	200	14.8	7.8 - 21.7	400	--		
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	11.9	7.3 - 16.5	500	10.5 *	4.1 - 16.9	<100	28.8	19.7 - 37.9	700	9.2 *	2.3 - 16.2	100
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	4.3 *	1.0 - 7.6	200	--			8.0	3.4 - 12.6	200	--		
Pregnancy Intention and Family Planning															
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	39.2	32.3 - 46.2	1,800	47.8	36.7 - 58.9	400	25.0	16.5 - 33.5	600	26.7	15.0 - 38.4	400
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	17.2	11.4 - 23.1	800	21.9	13.3 - 30.6	200	10.3	5.2 - 15.4	300	6.3 *	0.5 - 12.0	<100
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	83.6	78.1 - 89.2	3,800	71.2	61.7 - 80.7	500	80.1	72.4 - 87.8	2,000	82.0	72.1 - 92.0	1,200
Infant Sleep and Breastfeeding															
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	86.1	80.9 - 91.2	4,000	67.7	58.2 - 77.2	500	78.6	69.8 - 87.4	1,900	89.3 *	81.6 - 96.9	1,400
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	44.9	37.6 - 52.2	2,100	67.2	57.2 - 77.2	500	22.3	14.7 - 29.9	500	55.1	42.0 - 68.3	900
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	90.8	85.9 - 95.6	4,300	81.4	73.0 - 89.9	600	90.5	85.5 - 95.4	2,200	85.9 *	77.2 - 94.7	1,300
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	53.9	46.5 - 61.3	2,500	51.1	39.9 - 62.2	400	72.9	63.9 - 81.8	1,800	44.4	30.9 - 57.8	700
Breastfeeding practices															
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	78.8	72.7 - 84.9	3,600	75.8	66.6 - 84.9	600	82.8	76.1 - 89.5	2,000	70.1	57.7 - 82.4	1,100
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	38.1	31.0 - 45.3	1,700	44.8	33.6 - 55.9	300	55.3	45.5 - 65.0	1,300	37.2	23.5 - 50.8	500
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	62.5	54.5 - 70.5	2,200	50.7	38.1 - 63.3	300	66.9	56.8 - 77.0	1,200	52.2	37.1 - 67.2	600
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	24.8	17.8 - 31.9	900	19.1	9.9 - 28.2	100	33.5	23.4 - 43.6	600	19.2 *	6.3 - 32.1	200



MIHA Data Snapshot, San Joaquin County by Race/Ethnicity, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			Hispanic			Black			White			Asian/Pacific Islander		
	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N	%	95% CI	N
Service Utilization and Health Insurance Coverage															
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3	6,300	59.9	52.8 - 67.1	2,800	62.5	52.3 - 72.6	500	72.8	63.0 - 82.6	1,800	64.9	51.9 - 77.8	1,000
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5	8,600	88.3	82.9 - 93.7	4,100	89.4 *	83.0 - 95.9	700	89.7	84.0 - 95.3	2,300	89.6 *	82.2 - 96.9	1,400
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6	1,600	14.8	9.4 - 20.3	700	10.5 *	4.1 - 17.0	<100	21.2	12.6 - 29.9	500	19.8	8.9 - 30.7	300
Participated in WIC during pregnancy†	63.5	60.0 - 66.9	6,100	78.4	73.4 - 83.5	3,700	78.2	71.4 - 85.0	600	35.7	26.0 - 45.4	900	59.3	46.9 - 71.6	900
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4	3,600	41.5	34.0 - 48.9	2,000	72.5	64.3 - 80.8	600	23.8	15.6 - 32.1	600	28.2	15.8 - 40.5	400
Pre-pregnancy insurance															
Medi-Cal	36.0	31.4 - 40.6	3,500	40.4	33.0 - 47.8	1,900	66.4	57.4 - 75.3	500	20.8	12.9 - 28.6	500	34.8	21.9 - 47.6	500
Uninsured	25.0	20.6 - 29.5	2,400	32.1	25.3 - 39.0	1,500	6.5 *	2.2 - 10.9	<100	20.0	10.3 - 29.7	500	23.5	11.6 - 35.3	400
Private	36.8	33.0 - 40.6	3,600	24.9	19.0 - 30.8	1,200	25.8	17.7 - 34.0	200	58.3	48.6 - 68.0	1,500	39.8	27.7 - 51.8	600
Prenatal insurance															
Medi-Cal	61.6	57.9 - 65.3	6,000	74.5	68.9 - 80.2	3,500	78.7	71.4 - 85.9	600	38.0	28.8 - 47.2	1,000	57.0	44.5 - 69.4	900
Uninsured	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Private	33.7	30.3 - 37.2	3,300	21.9	16.6 - 27.3	1,000	19.9	12.9 - 27.0	200	54.4	45.0 - 63.7	1,400	38.0	26.1 - 49.9	600
Maternal postpartum insurance															
Medi-Cal	52.1	47.7 - 56.5	5,100	59.7	52.7 - 66.7	2,800	82.6	76.6 - 88.6	700	32.2	23.4 - 41.0	800	50.7	37.9 - 63.5	800
Uninsured	12.3	8.8 - 15.9	1,200	14.8	9.9 - 19.7	700	--	--	--	15.4 *	6.1 - 24.7	400	7.0 *	0.3 - 13.7	100
Private	33.4	29.7 - 37.2	3,300	22.7	16.9 - 28.5	1,100	16.2	10.5 - 22.0	100	51.1	41.8 - 60.4	1,300	40.7	28.5 - 52.8	600
Infant health insurance															
Medi-Cal	64.7	60.8 - 68.6	6,200	75.2	69.3 - 81.2	3,400	83.2	76.1 - 90.3	600	43.0	33.3 - 52.7	1,100	62.0	50.3 - 73.7	1,000
Uninsured	3.4	1.5 - 5.4	300	3.9 *	0.5 - 7.2	200	--	--	--	4.5 *	0.7 - 8.2	100	--	--	--
Private	30.3	26.7 - 33.9	2,900	19.6	14.5 - 24.8	900	13.7	7.2 - 20.1	100	50.3	40.8 - 59.9	1,200	35.1	23.6 - 46.5	500
Maternal Demographics															
Age															
15-19	6.5	3.8 - 9.3	600	9.8	4.6 - 15.0	500	9.8 *	2.6 - 17.0	<100	2.6 *	0.1 - 5.2	<100	--	--	--
20-34	78.4	74.3 - 82.5	7,700	76.7	70.1 - 83.2	3,600	77.6	68.1 - 87.2	600	81.5	75.0 - 88.0	2,100	77.7	66.7 - 88.8	1,200
35+	15.1	11.7 - 18.4	1,500	13.5	8.6 - 18.5	600	12.6	5.4 - 19.7	<100	15.9	9.8 - 21.9	400	20.2	9.4 - 31.1	300
Did not complete high school (or GED)															
Unmarried	20.6	16.5 - 24.7	2,000	31.0	24.0 - 38.0	1,500	21.4	12.3 - 30.5	200	9.8	4.2 - 15.3	200	--	--	--
Born outside the U.S.															
Speaks non-English language at home	32.5	27.9 - 37.0	3,200	41.5	34.6 - 48.3	2,000	4.7 *	1.3 - 8.0	<100	7.9 *	0.5 - 15.4	200	59.3	46.4 - 72.3	900
Lives in a high poverty neighborhood															
Income as a percent of the Federal Poverty Guideline	30.3	25.7 - 34.8	2,900	39.9	33.0 - 46.9	1,900	--	--	--	--	--	--	56.1	42.9 - 69.4	900
0-100%	47.7	42.9 - 52.5	4,500	56.3	48.9 - 63.7	2,600	60.0	49.6 - 70.5	500	32.0	22.3 - 41.8	800	43.8	30.6 - 56.9	700
101-200%	49.3	44.6 - 54.0	4,600	60.3	53.1 - 67.5	2,700	72.5	63.8 - 81.2	500	27.3	18.6 - 36.0	700	43.4	29.7 - 57.1	600
> 200%	23.0	18.4 - 27.6	2,100	23.2	16.5 - 29.9	1,000	15.4	7.9 - 23.0	100	27.0	17.1 - 36.9	700	20.0	8.6 - 31.3	300
> 200%	27.7	24.1 - 31.3	2,600	16.5	11.4 - 21.5	700	12.0	6.8 - 17.3	<100	45.7	36.3 - 55.1	1,100	36.6	24.4 - 48.8	500

-- Estimate not shown because the relative standard error (RSE) is greater than 50%, fewer than 5 women reported, or the weighted population denominator for the column is less than 100 women.

* Estimate should be interpreted with caution due to low statistical reliability (RSE is between 30% and 50%).

† Measure/definition may not be comparable to previous Snapshots (see Technical Notes).

Notes: MIHA is an annual population-based survey of California resident women with a live birth. Data from MIHA 2013-2015 were combined, resulting in a statewide sample size of 20,762. The sample size of San Joaquin County was 590. Percent (%), 95% confidence interval (95% CI) and estimated number of women in the population with the health indicator/characteristic (i.e., numerator of the percent rounded to the nearest hundred) are weighted to represent all women with a live birth who resided in California and the county in 2013-2015. Population estimate (N) is a three-year average. See the Technical Notes for information on weighting, comparability to prior years and technical definitions. Visit the MIHA website at www.cdph.ca.gov/MIHA.

Table Citation: Maternal and Infant Health Assessment (MIHA) Survey County and Regional Data Snapshots for Subgroups, 2013-2015. California Department of Public Health; 2018.



MIHA Data Snapshot, San Joaquin County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County			First Live Birth			Second Live Birth or More		
	%	95% CI	N	%	95% CI	N	%	95% CI	N
Total	100		9,800	33.0	28.3 - 37.7	3,200	67.0	62.3 - 71.7	6,600
Health Status before Pregnancy									
In good to excellent health	91.6	88.8 - 94.3	8,900	92.9 *	88.5 - 97.2	3,000	91.0	87.5 - 94.4	5,900
Chronic conditions									
Diabetes†	2.4 *	0.9 - 3.8	200	--			3.2 *	1.1 - 5.3	200
Hypertension†	2.7	1.3 - 4.0	300	--			3.6	1.6 - 5.6	200
Asthma†	9.5	6.7 - 12.3	900	7.4	4.0 - 10.9	200	10.5	6.7 - 14.3	700
Nutrition and Weight									
Daily folic acid use, month before pregnancy	28.2	23.8 - 32.6	2,700	29.1	21.7 - 36.6	900	27.8	22.4 - 33.1	1,800
Overweight before pregnancy	26.0	21.8 - 30.3	2,500	22.9	15.7 - 30.0	700	27.7	22.4 - 33.0	1,700
Obese before pregnancy	26.2	21.9 - 30.5	2,500	16.8	11.0 - 22.7	500	31.0	25.3 - 36.6	1,900
Inadequate weight gain during pregnancy	14.1	10.2 - 18.1	1,100	18.7	10.3 - 27.1	500	11.7	7.7 - 15.7	600
Excessive weight gain during pregnancy	46.1	40.7 - 51.5	3,700	47.2	37.8 - 56.6	1,300	45.5	39.1 - 52.0	2,400
Food insecurity during pregnancy	19.5	15.4 - 23.6	1,900	13.2	7.4 - 19.0	400	22.6	17.3 - 28.0	1,500
Intimate Partner Violence (IPV) and Depressive Symptoms									
Physical or psychological IPV during pregnancy	9.5	6.6 - 12.5	900	8.9	4.4 - 13.3	300	9.9	6.1 - 13.6	600
Prenatal depressive symptoms	18.2	14.3 - 22.1	1,800	15.0	8.8 - 21.3	500	19.8	14.9 - 24.6	1,300
Postpartum depressive symptoms	18.8	14.8 - 22.9	1,800	16.0	9.3 - 22.7	500	20.3	15.2 - 25.3	1,300
Hardships and Support during Pregnancy									
Experienced two or more hardships during childhood	31.1	26.4 - 35.8	2,900	26.3	18.4 - 34.1	800	33.5	27.8 - 39.3	2,100
Homeless or did not have a regular place to sleep	3.9	2.1 - 5.7	400	4.9 *	1.7 - 8.1	200	3.4 *	1.3 - 5.6	200
Moved due to problems paying rent or mortgage	7.9	5.5 - 10.4	800	6.4	2.8 - 10.0	200	8.7	5.5 - 11.9	600
Woman or partner lost job	16.2	12.3 - 20.1	1,500	19.3	12.5 - 26.1	600	14.7	10.0 - 19.3	900
Woman or partner had pay or hours cut back	14.5	11.1 - 18.0	1,400	11.6	6.6 - 16.5	400	16.0	11.6 - 20.5	1,000
Became separated or divorced	7.8	5.3 - 10.3	700	7.4 *	2.9 - 11.9	200	7.9	4.9 - 10.9	500
Had no practical or emotional support	4.9	2.7 - 7.1	500	--			5.8	3.2 - 8.3	400
Substance Use									
Any smoking, 3 months before pregnancy	13.7	10.4 - 17.1	1,300	13.2	7.4 - 19.1	400	14.0	9.7 - 18.3	900
Any smoking, 3rd trimester†	5.8	3.4 - 8.3	600	--			6.8	3.5 - 10.0	400
Any smoking, postpartum	8.4	5.7 - 11.1	800	6.5 *	1.8 - 11.1	200	9.3	5.8 - 12.9	600
Any binge drinking, 3 months before pregnancy	15.9	12.3 - 19.5	1,500	19.3	13.2 - 25.4	600	14.3	9.8 - 18.8	900
Any alcohol use, 3rd trimester†	5.1	2.9 - 7.4	500	2.8 *	0.5 - 5.1	<100	6.3	3.1 - 9.5	400
Pregnancy Intention and Family Planning									
Mistimed or unwanted pregnancy	34.1	29.6 - 38.6	3,300	30.4	22.7 - 38.0	1,000	35.9	30.2 - 41.6	2,300
Unsure of pregnancy intentions	13.9	10.5 - 17.3	1,400	18.3	11.3 - 25.4	600	11.7	8.1 - 15.3	800
Postpartum birth control use†	81.6	77.7 - 85.4	7,700	75.3	67.7 - 82.9	2,400	84.7	80.5 - 88.9	5,300
Infant Sleep and Breastfeeding									
Placed infant on back to sleep	82.8	79.1 - 86.6	7,900	77.5	69.9 - 85.2	2,500	85.5	81.5 - 89.6	5,400
Infant always or often shared bed	42.0	37.1 - 46.9	4,000	48.9	40.2 - 57.6	1,600	38.5	32.6 - 44.5	2,500
Intended to breastfeed, before birth	89.4	86.2 - 92.5	8,600	94.0	90.6 - 97.4	3,000	87.0	82.7 - 91.3	5,500
Intended to breastfeed exclusively, before birth	57.5	52.5 - 62.4	5,500	71.2	63.5 - 78.9	2,300	50.5	44.5 - 56.5	3,200
Breastfeeding practices									
Any breastfeeding, 1 month after delivery	78.5	74.5 - 82.6	7,400	80.5	74.2 - 86.9	2,600	77.5	72.3 - 82.7	4,900
Exclusive breastfeeding, 1 month after delivery	43.3	38.3 - 48.2	4,000	44.9	35.9 - 53.9	1,400	42.5	36.6 - 48.3	2,700
Any breastfeeding, 3 months after delivery	61.6	56.2 - 66.9	4,400	61.0	51.8 - 70.2	1,500	61.8	55.1 - 68.5	2,900
Exclusive breastfeeding, 3 months after delivery	26.2	21.4 - 31.0	1,900	24.1	15.4 - 32.7	600	27.3	21.4 - 33.2	1,300



MIHA Data Snapshot, San Joaquin County by Total Live Births, 2013-2015

Maternal and Infant Health Assessment (MIHA) Survey

	San Joaquin County				First Live Birth				Second Live Birth or More			
	%	95% CI		N	%	95% CI		N	%	95% CI		N
Service Utilization and Health Insurance Coverage												
Had a usual source of pre-pregnancy care	64.6	59.9 - 69.3		6,300	58.1	49.5 - 66.7		1,900	67.8	62.2 - 73.5		4,400
Initiated prenatal care in 1st trimester	89.2	85.9 - 92.5		8,600	89.3 *	83.0 - 95.6		2,900	89.1	85.3 - 92.9		5,800
Mom or infant needed but couldn't afford care postpartum	16.7	12.8 - 20.6		1,600	11.6	5.8 - 17.4		400	19.3	14.2 - 24.4		1,200
Participated in WIC during pregnancy†	63.5	60.0 - 66.9		6,100	64.8	57.5 - 72.2		2,000	62.8	57.9 - 67.7		4,100
Received CalFresh (food stamps) during pregnancy	36.8	32.2 - 41.4		3,600	27.9	19.9 - 35.9		900	41.2	35.5 - 47.0		2,700
Pre-pregnancy insurance												
Medi-Cal	36.0	31.4 - 40.6		3,500	18.8	11.8 - 25.9		600	44.5	38.8 - 50.2		2,900
Uninsured	25.0	20.6 - 29.5		2,400	30.7	22.3 - 39.2		1,000	22.2	17.0 - 27.4		1,400
Private	36.8	33.0 - 40.6		3,600	46.3	38.0 - 54.6		1,500	32.1	27.6 - 36.5		2,100
Prenatal insurance												
Medi-Cal	61.6	57.9 - 65.3		6,000	55.2	47.0 - 63.4		1,800	64.7	60.0 - 69.4		4,200
Uninsured	--	--			--	--			--	--		
Private	33.7	30.3 - 37.2		3,300	37.9	30.3 - 45.4		1,200	31.7	27.1 - 36.2		2,100
Maternal postpartum insurance												
Medi-Cal	52.1	47.7 - 56.5		5,100	50.2	41.7 - 58.6		1,600	53.1	47.7 - 58.6		3,500
Uninsured	12.3	8.8 - 15.9		1,200	9.9 *	3.4 - 16.3		300	13.5	9.2 - 17.8		900
Private	33.4	29.7 - 37.2		3,300	38.1	30.4 - 45.7		1,200	31.2	26.5 - 35.9		2,000
Infant health insurance												
Medi-Cal	64.7	60.8 - 68.6		6,200	63.1	55.5 - 70.7		2,000	65.5	60.4 - 70.6		4,100
Uninsured	3.4	1.5 - 5.4		300	4.7 *	0.2 - 9.1		200	2.8 *	1.0 - 4.7		200
Private	30.3	26.7 - 33.9		2,900	30.2	23.4 - 37.0		1,000	30.3	25.4 - 35.2		1,900
Maternal Demographics												
Age												
15-19	6.5	3.8 - 9.3		600	17.2	10.0 - 24.5		600	--	--		
20-34	78.4	74.3 - 82.5		7,700	74.2	66.2 - 82.2		2,400	80.5	75.8 - 85.1		5,300
35+	15.1	11.7 - 18.4		1,500	8.6	4.0 - 13.2		300	18.2	13.8 - 22.7		1,200
Did not complete high school (or GED)	20.6	16.5 - 24.7		2,000	13.3	6.1 - 20.4		400	24.2	19.1 - 29.3		1,600
Unmarried	50.8	46.0 - 55.6		4,900	55.5	47.0 - 64.1		1,800	48.4	42.5 - 54.4		3,100
Race/Ethnicity												
White	26.0	21.8 - 30.3		2,500	26.6	19.0 - 34.2		800	25.8	20.5 - 31.0		1,700
Hispanic	49.1	44.4 - 53.8		4,800	45.2	36.5 - 53.9		1,400	51.0	45.2 - 56.9		3,300
Asian/Pacific Islander	16.3	12.4 - 20.2		1,600	18.8	11.7 - 26.0		600	15.1	10.5 - 19.7		1,000
Black	8.2	7.2 - 9.1		800	8.9	6.1 - 11.7		300	7.8	6.2 - 9.4		500
Born outside the U.S.	32.5	27.9 - 37.0		3,200	22.9	15.2 - 30.7		700	37.2	31.6 - 42.8		2,400
Speaks non-English language at home	30.3	25.7 - 34.8		2,900	26.7	18.2 - 35.1		900	32.1	26.5 - 37.6		2,100
Lives in a high poverty neighborhood	47.7	42.9 - 52.5		4,500	46.9	38.2 - 55.7		1,500	48.1	42.2 - 54.0		3,000
Income as a percent of the Federal Poverty Guideline												
0-100%	49.3	44.6 - 54.0		4,600	45.2	36.4 - 54.1		1,400	51.3	45.4 - 57.1		3,200
101-200%	23.0	18.4 - 27.6		2,100	19.6	11.9 - 27.2		600	24.7	19.0 - 30.4		1,500
> 200%	27.7	24.1 - 31.3		2,600	35.2	27.3 - 43.1		1,100	24.0	19.8 - 28.3		1,500

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